

HIGH TORQUE CAPACITY • WIDE RANGE OF GEAR RATIOS

COMPACT
LIGHTWEIGHT

CSD Series:

- Compact
- Lightweight
- Zero Backlash
- High Accuracy

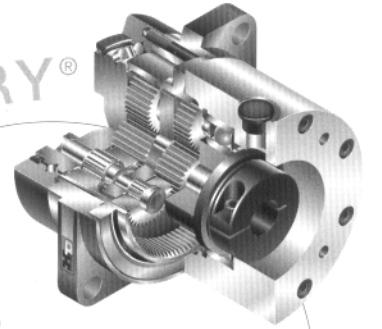
The axial length of the CSD Series has been reduced by 50% versus the CSF series. This design is made possible by HD Systems patented "S" tooth profile, as well as manufacturing expertise. The CSD series is ideal for many applications including robotics, aerospace, and factory automation.



HARMONIC PLANETARY®

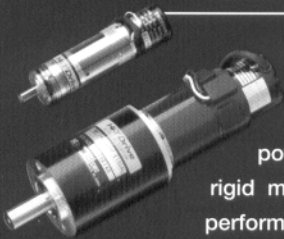
New Harmonic Planetary®

- Ring gear flexes for consistently low backlash over the life of the gear.
- 1 arc-min backlash option
- Gear Ratios from 5:1 to 33:1
- Mounts easily to any motor



i v e G e a r i n g

Actuators:

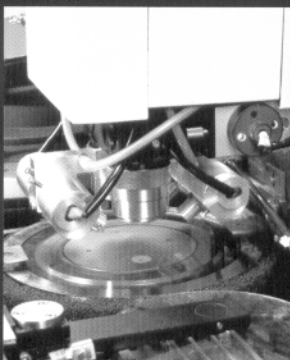


By offering a complete actuator package, HD Systems has provided the design engineer with matched, power compatible components and the rigid mechanical structure required for high performance and servo stiffness. Harmonic drive actuators are an integral package consisting of an encoder, servo motor and a precision harmonic drive gearhead. These actuators are used in highly demanding servo systems, and can provide precise motion and high torque capacity in very compact packages.

MACHINE TOOL



SEMICONDUCTOR



HD
SYSTEMS

The Leader
in Ultra-Precision Motion